



# Lesson Plan

Title of Unit: Systems of the Human Body		Date: March 2010	Timeframe of Lesson: 2 weeks
Developed by: Marsha Primeau		School District: Oakfield Elementary School	
Subject Area(s): Science		Grade Level(s)/Course: 4 <sup>th</sup> Grade	
State Standards A.4.2 Identify and use common media formats A.4.3 Use a computer and productivity software to organize and create information A.4.4 Use a computer and communications software to access and transmit information A.4.5 Use media and technology to create and present information	Subject Specific: B.4.1 Use encyclopedias, source books, texts, computers, teachers, parents, other adults, journals, popular press, and various other sources, to help answer science-related questions and plan investigations  F.4.1 Understand the structure and function of cells, organs, tissues, organ systems, and whole organisms		
Stated Objective(s)	Students will be introduced to the systems of the human body and how they work together. The students will learn that complex animals have specialized organs to carry out life processes. The students will learn the major organ systems of the human body. The students will understand the functions of various body systems. The students will know the major organ systems of the human body. The students will be introduced to various technology presentation sources. The students will create a presentation on an assigned human body system. The students will present a human body system to the class		
Procedures for Lessons	Students will be introduced to the human body systems: Day 1- Skeletal & Muscular System Day 2 Respiratory & Circulatory System Day 3 Digestive, Nervous, and Immune system. Days 4-5 Prepare Group Presentation on an assigned human body system. Week 2- Group presentations		
Lesson- Day One	Introduce Systems of the Human Body Introduce unit by watching The Human Body- All Systems go <a href="http://www.brainpop.com/science/diversityoflife/humanbody/preview.weml">http://www.brainpop.com/science/diversityoflife/humanbody/preview.weml</a> Review with BrainPOP Quiz  Introduce Skeletal System Teacher tube:  Introduce Muscular System Listen to podcast on the Muscular System- <a href="http://itunes.apple.com/us/podcast/muscular-system/id273386838?i=26358044">http://itunes.apple.com/us/podcast/muscular-system/id273386838?i=26358044</a>  Show images on Smartboard of Skeletal and Muscular Systems Discuss how muscular system and skeletal systems work together. Discuss main organs of each system. Discuss presentation sources- pros and cons		
Lesson- Day Two	Review Skeletal and Muscular Systems- Q & A		

	<p>Introduce Respiratory and Circulatory Systems</p> <p>Teacher tube:  <a href="http://www.teachertube.com/viewVideo.php?video_id=159263&amp;title=Respiratory_System&amp;vpkey=">http://www.teachertube.com/viewVideo.php?video_id=159263&amp;title=Respiratory_System&amp;vpkey=</a>  Circulatory System</p> <p>Watch video on Smartboard  <a href="http://www.teachertube.com/viewVideo.php?video_id=144332&amp;title=Pump_Your_Blood">http://www.teachertube.com/viewVideo.php?video_id=144332&amp;title=Pump_Your_Blood</a></p> <p>Students listen to Podcast on their iTouch:  <a href="http://itunes.apple.com/us/album/circulatory-system/id277811098?i=277811166">http://itunes.apple.com/us/album/circulatory-system/id277811098?i=277811166</a></p> <p>Show images on Smartboard of Respiratory and Circulatory Systems</p> <p>Review Respiratory System and Circulatory System.</p> <p>Discuss main organ in each system.</p> <p>Discuss presentation methods- pros and cons.</p>
Lesson – Day Three	<p>Review Respiratory and Circulatory Systems</p> <p>Introduce Digestive System, Nervous System and Immune System</p> <p>Digestive:  Students will watch video on Smartboard  <a href="http://www.teachertube.com/viewVideo.php?video_id=145013&amp;title=Digestive_System&amp;vpkey=">http://www.teachertube.com/viewVideo.php?video_id=145013&amp;title=Digestive_System&amp;vpkey=</a></p> <p>Nervous System:  Students will download podcast and watch Podcast on their iTouch</p> <p>Immune System:  Students will explore different websites to learn about the Immune System.  <a href="http://kidshealth.org/parent/general/body_basics/immune.html">http://kidshealth.org/parent/general/body_basics/immune.html</a>  <a href="http://en.wikipedia.org/wiki/Immune_system">http://en.wikipedia.org/wiki/Immune_system</a>  <a href="http://www.howstuffworks.com/immune-system.htm">http://www.howstuffworks.com/immune-system.htm</a>  <a href="http://uhaweb.hartford.edu/BUGL/immune.htm">http://uhaweb.hartford.edu/BUGL/immune.htm</a>  <a href="http://www3.niaid.nih.gov/topics/immuneSystem/">http://www3.niaid.nih.gov/topics/immuneSystem/</a></p> <p>Show images of each of the systems on Smartboard.</p> <p>Review Digestive, Nervous, and Immune Systems.</p> <p>Discuss main organ in each of the systems.</p> <p>Discuss presentation methods- pros and cons.</p>
Lesson- Days Four and Five	<p>Students will be assigned one of the systems of the human body. Each student will work alone or with a partner to prepare a presentation on their system. Students can choose from: podcast, Powerpoint, Vodcast, or presentation board. Students will be given two class periods to prepare presentations.</p>
Lesson- Week Two	<p>Students will present their Human Body System to the class. Each student/group will be given 15 minutes to present followed by question and answer.</p>
Assessment	<p>Students will be assessed on:</p> <p>BrainPOP Quiz</p> <p>Daily Discussions</p> <p>Participation</p> <p>Presentation rubric</p> <p>Unit test</p>
Materials	<p>Computer w/ internet access, iPod touch for each student, Smartboard w/internet access, Powerpoint application, Teachertube, iTunes, presentation boards</p>